

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| L1 | 15 | (US-5773331-\$ or US-6162691-\$ or US-5830775-\$ or US-4954989-\$ or US-5290713-\$ or US-5340758-\$ or US-5399508-\$ or US-6051473-\$ or US-6083798-\$ or US-6097059-\$ or US-6096590-\$ or US-6133106-\$ or US-6137149-\$ or US-4319932-\$ or US-4769787-\$).did. | USPAT | OR | ON | 2006/11/27 10:11 |
| L2 | 0 | mismatch with relax\$4 with strain\$3 with (transistor mosfet cmos) | USPAT | OR | ON | 2006/11/27 10:11 |
| L3 | 201 | relax\$4 with strain\$3 with (transistor mosfet cmos) | USPAT | OR | ON | 2006/11/27 10:12 |
| L4 | 153 | 3 and (soi) | USPAT | OR | ON | 2006/11/27 10:12 |
| L5 | 197 | 3 and (SiGe SiGeC Ge germanium (silicon adj germanium) grade) | USPAT | OR | ON | 2006/11/27 10:12 |
| L6 | 198 | 3 and (SiGe SiGeC Ge germanium (silicon adj germanium) grade\$3) | USPAT | OR | ON | 2006/11/27 10:12 |
| S1 | 1 | "20050156154" | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/07 17:30 |
| S2 | 4 | (("5877046") or ("6455383") or ("6475838") or ("6235568")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2005/09/30 11:38 |
| S3 | 21 | ("5132745" "5356823" "5445983" "5447875" "5472897" "5766988" "5789778" "5796151" "5877530" "5918141" "5920783" "5960270" "5970354" "6015736" "6060375" "6187643" "6207995" "6271132" "6333244" "6335250" "6368947").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/30 11:40 |
| S4 | 9 | ("5089441" "5168072" "5252501" "5397909" "5403434" "5716861" "5801078" "5908309" "6066523").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/30 11:43 |
| S5 | 10 | ("4785202" "5759907" "5770875" "5770881" "5789807" "5789964" "5792693" "5841182" "6096584" "6159807").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/30 11:44 |
| S6 | 9 | ("6475838").URPN. | USPAT | OR | ON | 2005/09/30 11:47 |
| S7 | 21 | (raised adj (source or drain)) and ((SOI" or (buried near2 oxide)) with substrate) and ("SiGe" or (silicon adj germanium)) and -silicid\$3 and strain\$3 | USPAT | OR | ON | 2006/11/25 18:11 |
| S8 | 19 | S7 and epitaxial | USPAT | OR | ON | 2005/09/30 11:49 |
| S9 | 15 | S7 and epitaxial\$3 and (sidewall or (side adj wall) or side-wall) and (amorphous\$3 or sacrificial) | USPAT | OR | ON | 2005/09/30 11:51 |
| S10 | 4 | S7 and epitaxial\$3 and ((sidewall or (side adj wall) or side-wall) with (amorphous\$3 or sacrificial)) | USPAT | OR | ON | 2005/09/30 11:51 |
| S11 | 29 | ("4788160" "4851257" "5089872" "5168072" "5242847" "5314832" "5336903" "5338698" "5453389" "5571744" "5618755" "5665646" "5686331" "5702972" "5707721" "5710450" "5716861" "5736435" "5739573" "5759886" "5763932" "5783486" "5793089" "5795808" "5851891" "5889331" "6087706" "6165826" "RE35111").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/30 11:55 |
| S13 | 12 | ("20020142551" "20030059995" "20030189228" "4616400" "5814544" "6063677" "6225173" "6391720" "6406973" "6465311" "6509234" "6583000").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/30 12:06 |
| S14 | 18 | (("6831292") or ("6228694") or ("6406973") or ("6281532") or ("5683934") or ("6368931") or ("5310446") or ("4853076") or ("20020090791") or ("20020074598") or ("6509618") or ("6476462") or ("6362082") or ("5565697") or ("20030040158") or ("20020086472") or ("6521964") or ("6506652")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2005/09/30 12:21 |
| S15 | 14 | (("5940736") or ("5880040") or ("5861651") or ("5679965") or ("5670798") or ("5561302") or ("5471948") or ("5459346") or ("5391510") or ("5371399") or ("5108843") or ("5060030") or ("4958213") or ("4665415")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2005/09/30 12:22 |

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|-----|-----|--|---|----|-----|------------------|
| S16 | 15 | (("5989978") or ("6284626") or ("6274444") or ("6261964") or ("6221735") or ("6117722") or ("6107143") or ("6090684") or ("6066545") or ("6008126") or ("5946559") or ("5840593") or ("5592018") or ("5592007") or ("5571741")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2005/09/30 12:23 |
| S17 | 17 | ((("5557122") or ("5354695") or ("5134085") or ("5006913") or ("4952524") or ("4855245") or ("20020086497") or ("5960297") or ("6403486") or ("6284623") or ("20030032261") or ("20030057184") or ("6265317") or ("20030067035") or ("6461936") or ("6319794") or ("20010009784")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2005/09/30 12:24 |
| S18 | 64 | S14 S15 S16 S17 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/09/30 12:28 |
| S22 | 0 | S18 and ((raised adj (source or drain)) and (("SOI" or (buried near2 oxide)) with substrate) and ("SiGe" or (silicon adj germanium)) and silicid\$3 and strain\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/09/30 14:54 |
| S26 | 12 | ("20020142551" "20030059995" "20030189228" "4616400" "5814544" "6063677" "6225173" "6391720" "6406973" "6465311" "6509234" "6583000").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/30 14:52 |
| S27 | 76 | ((raised adj (source or drain)) and ((("SOI" or (buried near2 \$2oxide)) with substrate) and ("SiGe" or (silicon adj germanium)) and silicid\$3 and strain\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/09/30 14:57 |
| S28 | 76 | ((raised adj (source or drain)) and ((("SOI" or (buried near2 \$2oxide)) with substrate) and ("SiGe" or (silicon adj germanium)) and (salicide\$3 or silicid\$3) and strain\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/09/30 16:34 |
| S29 | 7 | S28 and (polysilicon or silicon) and epitaxial\$3 and ((sacrificial\$3 or amorphous\$3) with (sidewall or side-wall or (side adj wall) or spacer)) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/09/30 15:00 |
| S31 | 76 | ((raised adj (source or drain)) and ((("SOI" or (buried near2 \$2oxide)) with substrate) and ("SiGe" or (silicon adj germanium)) and (salicide\$3 or silicid\$3) and strain\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/09/30 17:37 |
| S32 | 7 | S31 and (polysilicon or silicon) and epitaxial\$3 and ((sacrificial\$3 or amorphous\$3) with (sidewall or side-wall or (side adj wall) or spacer)) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/09/30 16:34 |
| S33 | 69 | S31 not S32 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/09/30 16:35 |
| S36 | 11 | ("20020155665" "20020197839" "6287924" "6329704" "6387782" "6509221" "6512266" "6531365" "6562713" "6583016" "6586289").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/30 17:35 |
| S37 | 1 | ("6812105").URPN. | USPAT | OR | ON | 2005/09/30 17:35 |
| S38 | 1 | ("6812105").URPN. | USPAT | OR | ON | 2005/09/30 17:36 |
| S39 | 276 | ((raised adj (source or drain)) and ((("SOI" or (buried near2 \$2oxide))) not S31 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/09/30 17:38 |

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|-----|-----|---|---|----|-----|------------------|
| S40 | 17 | S39 and strain\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/09/30 17:38 |
| S41 | 24 | ("20030136985" "20030139001" "20030146428" "20030162348" "20030219971" "20030227029" "20040188760" "6063675" "6261911" "6303450" "6326664" "6346447" "6346732" "6376318" "6403434" "6406951" "6406973" "6440807" "6465313" "6489206" "6607948" "6620664" "6657223" "6797556").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/30 17:42 |
| S43 | 136 | S39 not (S40 S41) | USPAT | OR | ON | 2005/09/30 17:44 |
| S44 | 136 | S43 and ("SOI" or (silicon-on-insulat\$3) or (\$3oxide near2 buried)) | USPAT | OR | ON | 2005/09/30 17:46 |
| S45 | 129 | S44 and (silicid\$3 or salicid\$3 or anneal\$4) | USPAT | OR | ON | 2005/09/30 17:46 |
| S46 | 7 | S44 not S45. | USPAT | OR | ON | 2005/09/30 18:04 |
| S47 | 39 | S45 and (grow\$4 near2 \$3silicon) | USPAT | OR | ON | 2005/09/30 18:05 |
| S48 | 42 | S45 and (grow\$4 near2 \$4silicon) | USPAT | OR | ON | 2005/09/30 18:31 |
| S49 | 16 | ("20020081794" "20020167007" "5346839" "5563077" "5578513" "5827769" "5905285" "6376317" "6396108" "6413802" "6475869" "6483156" "6525403" "6562665" "6680240" "6716684").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/30 18:18 |
| S51 | 87 | S45 not (S46 S47 S48 S49 S31 S49) | USPAT | OR | ON | 2005/09/30 18:32 |
| S52 | 19 | ("4825267" "4921814" "5300447" "5322526" "5387528" "5447907" "5488005" "5557126" "5747356" "5814544" "5856225" "5883399" "5904541" "5960270" "6010921" "6093947" "6121077" "6225173" "6562713").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/30 18:42 |
| S53 | 3 | ("5624869" "5883003" "6037922").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/30 18:59 |
| S54 | 14 | ("6214679").URPN. | USPAT | OR | ON | 2005/09/30 19:00 |
| S55 | 14 | ("6214679").URPN. | USPAT | OR | ON | 2005/09/30 19:01 |
| S56 | 19 | ("4825267" "4921814" "5300447" "5322526" "5387528" "5447907" "5488005" "5557126" "5747356" "5814544" "5856225" "5883399" "5904541" "5960270" "6010921" "6093947" "6121077" "6225173" "6562713").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/01 16:06 |
| S57 | 13 | (US-20050156154-\$ or US-20050176204-\$).did. or (US-6406973-\$ or US-6475838-\$ or US-6777759-\$ or US-6812105-\$ or US-6420766-\$ or US-6255178-\$ or US-6914295-\$ or US-6841831-\$ or US-5488005-\$ or US-6214679-\$ or US-6949482-\$).did. | US-PGPUB; USPAT | OR | ON | 2005/10/01 19:33 |
| S58 | 4 | ((6455383") or ("6165826") or ("6475838") or ("6235568") or ("6475838")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2006/03/09 15:16 |
| S59 | 5 | ((5940716") or ("5981356") or ("6080637") or ("6093621") or ("6583060")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2006/03/09 15:48 |
| S60 | 22 | ("4133704" "4683645" "4876213" "4998150" "5006476" "5162263" "5168072" "5231042" "5285088" "5336903" "5341014" "5352631" "5393685" "5397909" "5405795" "5478776" "5538909" "5569624" "5620912" "5710450" "5726071" "5770507").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/09 16:22 |
| S61 | 182 | (raise\$3 with (source or drain)) and strain\$3 and ((cap\$4 or top\$4 or cover\$3) with (\$4silicon)) and (substrate or wafer) and (@rlad<"20040116" or @ad<"20040116") | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/03/09 19:13 |

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|-----|-------|---|---|----|----|------------------|
| S62 | 144 | S61 and (sidewall or spacer or (side adj wall)) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/05 12:26 |
| S63 | 111 | S62 and s\$2!icid\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/03/09 17:22 |
| S64 | 82 | S63 and ("GeSi" or "SiGe" or (germanium adj silic\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/03/09 19:07 |
| S65 | 338 | 257/377.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/03/09 19:09 |
| S66 | 558 | 438/299.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/03/09 19:09 |
| S67 | 3 | ((rais\$3 with (source or drain)) and strain\$3 and ((cap\$4 or top\$4 or cover\$3) with (\$4silicon)) and (substrate or wafer)).clm. | US-PGPUB | OR | ON | 2006/03/09 19:13 |
| S69 | 5013 | 438/259,294,299,311,589,595,602,655,938.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/03 19:13 |
| S71 | 8048 | 257/18,19,377,382,384,388,401,622,e21.619,e21.634,e21.636, e21.156,e21.161,e21.438,e29.193.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/03 19:14 |
| S72 | 785 | H01L29/76.ipc. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/03 19:14 |
| S73 | 727 | H01L21/336.ipc. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/03 19:16 |
| S74 | 13721 | S69 S71 S72 S73 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/03 19:16 |
| S75 | 42 | S74 and (raised near2 (source or drain)) same (strain\$3 or stress\$3) and (silicide or cap or top) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/03 19:20 |
| S76 | 41 | S75 and ((source or drain) same (sidewall or spacer or (side adj wall))) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/03 19:21 |

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|-----|------|--|---|----|----|------------------|
| S77 | 29 | S76 and (@ad<"20040116" or @rlad<"20040116") | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/03 19:21 |
| S78 | 7 | ("4998150" "5079180" "5168072" "5285088" "5336903" "5397909" "5405795").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/07/03 19:56 |
| S79 | 53 | ("5710450").URPN. | USPAT | OR | ON | 2006/07/03 20:01 |
| S80 | 24 | ("4728623" "4738937" "4918029" "5004702" "5030583" "5032538" "5045494" "5272109" "5322802" "5322814" "5378652" "5432121" "5435856" "5494837" "5508225" "5567652" "5599724" "5627102" "5633201" "5744377" "5773350" "5804470" "6004137" "6187641").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/07/03 20:09 |
| S81 | 16 | (US-20020066913-\$ or US-20050176204-\$ or US-20050156154-\$ or US-20030068883-\$).did. or (US-5710450-\$ or US-6777759-\$ or US-6214679-\$ or US-6235568-\$ or US-6475838-\$ or US-6406973-\$ or US-6420766-\$ or US-6255178-\$ or US-6914295-\$ or US-6841831-\$ or US-5488005-\$ or US-6949482-\$).did. | US-PGPUB; USPAT | OR | ON | 2006/07/03 20:09 |
| S82 | 18 | ("6406973").URPN. | USPAT | OR | ON | 2006/07/03 20:09 |
| S83 | 12 | ("20020142551" "20030059995" "20030189228" "4616400" "5814544" "6063677" "6225173" "6391720" "6406973" "6465311" "6509234" "6583000").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/07/03 20:14 |
| S84 | 0 | ("6939751").URPN. | USPAT | OR | ON | 2006/07/03 20:20 |
| S85 | 27 | S77 not (S78 S81 S80 S83) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/03 20:21 |
| S86 | 24 | ("4728623" "4738937" "4918029" "5004702" "5030583" "5032538" "5045494" "5272109" "5322802" "5322814" "5378652" "5432121" "5435856" "5494837" "5508225" "5567652" "5599724" "5627102" "5633201" "5744377" "5773350" "5804470" "6004137" "6187641").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/07/05 12:07 |
| S87 | 18 | ("6406973").URPN. | USPAT | OR | ON | 2006/07/05 12:10 |
| S88 | 5047 | (source or drain) same ((silicon adj germanium) or "SiGe") | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/05 12:19 |
| S89 | 163 | S88 and strained and (rais\$3 with (source or drain)) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/05 12:39 |
| S90 | 18 | (US-20020066913-\$ or US-20050176204-\$ or US-20050156154-\$ or US-20030068883-\$ or US-20050242406-\$).did. or (US-5710450-\$ or US-6777759-\$ or US-6214679-\$ or US-6235568-\$ or US-6475838-\$ or US-6406973-\$ or US-6420766-\$ or US-6255178-\$ or US-6914295-\$ or US-6841831-\$ or US-5488005-\$ or US-6949482-\$ or US-6939751-\$).did. | US-PGPUB; USPAT | OR | ON | 2006/07/05 12:22 |
| S91 | 151 | (S89 not S90) and ((silicon or "Si") with strain\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/05 12:23 |
| S92 | 148 | S91 and (cap or top or protect\$4 or (silicide or salicide)) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/05 12:24 |

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|------|-----|---|---|----|----|------------------|
| S93 | 140 | S91 and (cap or top or protect\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/05 12:24 |
| S94 | 108 | S93 and (@ad<"20040116" or @rlad<"20040116") | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/05 12:25 |
| S95 | 83 | S94 and ("SOI" or buried) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/05 12:26 |
| S96 | 82 | S95 and (sidewall or spacer or (side adj wall)) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/05 12:27 |
| S97 | 15 | ((source or drain) same ((silicon adj germanium) or "SiGe") and strained and (rais\$3 with (source or drain))).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/05 12:45 |
| S98 | 12 | (strained and (rais\$3 with (source or drain)) and (silicon or "Si") and (cap or top or protect\$4)).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/05 19:31 |
| S99 | 3 | S98 not S97 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/05 12:43 |
| S100 | 46 | zhu-hui long.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/05 12:46 |
| S101 | 132 | doris-bruce-b.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/05 12:47 |
| S102 | 13 | mocuta-dan-m.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/05 12:47 |
| S103 | 159 | (S100 S101 S102) not (S96 S97 S98) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/05 12:47 |
| S106 | 17 | S103 and (strained and (rais\$3 with (source or drain)) and (silicon or "Si") and (cap or top or protect\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/05 13:01 |
| S107 | 1 | "6939751" | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/05 13:59 |

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|----------|-----|--|---|----|-----|------------------|
| S10 8 | 2 | "6909151" | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/05 19:28 |
| S11 0 | 27 | ((("20020063292") or ("20030032261") or ("20030040158") or ("20040238914") or ("20040262784") or ("20050040460") or ("20050082634") or ("20050093030") or ("20050098829") or ("20050106799") or ("20050145954") or ("20050148146") or ("20050194699") or ("20050236668") or ("20050245017") or ("20050280051") or ("20050282325") or ("20060027868") or ("20060057787") or ("20060060925") or ("6483171") or ("6831292") or ("6717216") or ("6825529") or ("7015082") or ("6974981") or ("6977194")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2006/07/05 19:30 |
| S11 1 | 2 | S110 and (strained and (rais\$3 with (source or drain)) and (silicon or "Si") and (cap or top or protect\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/05 19:31 |
| S11 2 | 2 | S110 and (strained and (rais\$3 with (source or drain))) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/05 19:32 |
| S11 3 | 233 | ((soure drain) with rais\$3) same ((sacrif\$5 remov\$4) with (spacer sidewall (side adj wall))) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/07 17:56 |
| S11 4 | 35 | S113 and strain\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/07 17:57 |
| S11 5 | 11 | ("20020155665" "20020197839" "6287924" "6329704" "6387782" "6509221" "6512266" "6531365" "6562713" "6583016" "6586289").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/07/07 17:54 |
| S11 7 | 313 | ((source drain) with rais\$3) same ((sacrif\$5 remov\$4) with (spacer sidewall (side adj wall))) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/07 19:00 |
| S11 8 | 38 | S117 and strain\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/07 17:57 |
| S11 9 | 3 | S118 not S114 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/07 17:57 |
| S12 0 | 132 | (S117 not S118) and (((source drain) with rais\$3) with ((sacrif\$5 remov\$4) with (spacer sidewall (side adj wall)))) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/07 18:33 |
| S12 1 | 85 | S120 and ((\$4silicon or "Si") with (source drain)) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/07 19:02 |
| S12 2 | 78 | S121 and ((\$4silicon or "Si") with (spacer sidewall (side adj wall))) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/07 18:00 |

EAST Search History

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| S12 3 | 57 | S122 and ((\$4silicon or "Si") with (spacer sidewall (side adj wall)) with (remov\$4 sacrif\$5)) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/07 19:03 |
| S12 4 | 21 | S122 not S123 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/07 18:28 |
| S12 5 | 54 | S120 not S122 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/07 18:34 |
| S12 6 | 12 | S125 and (rais\$3 near2 (source drain)) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/07 18:34 |
| S12 7 | 145 | ((source drain) with rais\$3) with ((sacrif\$5 remov\$4) with (spacer sidewall (side adj wall))) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/07 19:01 |
| S13 0 | 361 | (rais\$3 near2 (source drain)) with (spacer sidewall (side adj wall)) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/07 19:02 |
| S13 1 | 294 | S130 not (S114 S115 S118 S119 S120) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/07 19:02 |
| S13 2 | 223 | S131 and ((\$4silicon or "Si") with (source drain)) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/07 19:02 |
| S13 3 | 141 | S132 and (remov\$4 sacrif\$5) with (spacer sidewall (side adj wall))) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/07 19:04 |
| S13 4 | 1 | ("4074300").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/07/08 20:27 |
| S13 5 | 1 | ("4074300").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/07/08 20:28 |
| S13 6 | 8 | ("3673471" "3738880" "3764865" "3780359" "3906541" "3942241" "3943542").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/07/08 20:28 |
| S13 7 | 25 | ("4074300").URPN. | USPAT | OR | ON | 2006/07/08 20:28 |
| S13 8 | 8 | ("6506649").URPN. | USPAT | OR | ON | 2006/07/08 20:33 |
| S13 9 | 748 | (rais\$3 near3 (source drain)) same (spacer or sidewall or (side adj wall)) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/08 20:34 |

EAST Search History

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| S14 0 | 499 | S139 and ((remov\$4 or sacrif\$6) same (spacer or sidewall or (side adj wall))) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/08 23:03 |
| S14 2 | 399 | S140 and \$4silicon | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/08 20:37 |
| S14 3 | 233 | ((soure drain) with rais\$3) same ((sacrif\$5 remov\$4) with (spacer sidewall (side adj wall))) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/08 20:36 |
| S14 4 | 35 | S143 and strain\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/08 20:36 |
| S14 5 | 11 | ("20020155665" "20020197839" "6287924" "6329704" "6387782" "6509221" "6512266" "6531365" "6562713" "6583016" "6586289").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/07/08 20:36 |
| S14 6 | 313 | ((source drain) with rais\$3) same ((sacrif\$5 remov\$4) with (spacer sidewall (side adj wall))) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/08 20:36 |
| S14 7 | 38 | S146 and strain\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/08 20:36 |
| S14 8 | 3 | S147 not S144 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/08 20:36 |
| S14 9 | 132 | (S146 not S147) and ((source drain) with rais\$3) with ((sacrif\$5 remov\$4) with (spacer sidewall (side adj wall))) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/08 20:36 |
| S15 0 | 361 | (rais\$3 near2 (source drain)) with (spacer sidewall (side adj wall)) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/08 21:50 |
| S15 1 | 294 | S150 not (S144 S145 S147 S148 S149) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/08 20:36 |
| S15 2 | 223 | S151 and ((\$4silicon or "Si") with (source drain)) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/08 20:36 |
| S15 3 | 141 | S152 and ((remov\$4 sacrif\$5) with (spacer sidewall (side adj wall))) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/09 18:54 |

EAST Search History

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|----------|-----|--|---|----|----|------------------|
| S15 4 | 258 | S142 not S153 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/08 20:37 |
| S15 5 | 221 | S154 and (silicon same (source drain)) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/08 20:38 |
| S15 6 | 181 | S155 and ((spacer sidewall (side adj wall)) with silicon) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/08 20:39 |
| S15 7 | 34 | (US-20050242406-\$ or US-20030068883-\$ or US-20050156154-\$ or US-20050090066-\$ or US-20050176204-\$ or US-20020066913-\$ or US-20050164433-\$ or US-20030164513-\$ or US-20020135029-\$ or US-20040259303-\$ or US-20050199949-\$ or US-20050148137-\$ or US-20050093075-\$ or US-20020132431-\$).did, or (US-6214679-\$ or US-6406973-\$ or US-6914295-\$ or US-6909151-\$ or US-6841831-\$ or US-5488005-\$ or US-6777759-\$ or US-6235568-\$ or US-6475838-\$ or US-6420766-\$ or US-6906360-\$ or US-6255178-\$ or US-5710450-\$ or US-6939751-\$ or US-6949482-\$ or US-6022781-\$ or US-6800530-\$ or US-7005366-\$ or US-6506649-\$ or US-5955770-\$).did. | US-PGPUB; USPAT | OR | ON | 2006/07/08 20:39 |
| S15 8 | 168 | S156 not S157 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/08 21:42 |
| S15 9 | 4 | "6420766" | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/08 20:42 |
| S16 0 | 22 | ("4016587" "4072545" "4404732" "4638347" "4688314" "4998150" "5079180" "5198378" "5213990" "5243255" "5270232" "5312768" "5381028" "5405795" "5409853" "5436178" "5464782" "5496750" "5573964" "5843826" "5872039" "5932913").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/07/08 20:43 |
| S16 1 | 3 | ("6420766").URPN. | USPAT | OR | ON | 2006/07/08 21:03 |
| S16 2 | 9 | ("20020011617" "4885614" "5659187" "5891769" "5906951" "6165837" "6190975" "6291321" "6313016").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/07/08 21:26 |
| S16 3 | 16 | ("6492216").URPN. | USPAT | OR | ON | 2006/07/08 21:26 |
| S16 4 | 9 | ("4072545" "4789644" "5079180" "5393681" "5447874" "5496750" "5624863" "5640037" "5663079").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/07/08 21:30 |
| S16 5 | 5 | ("6346447").URPN. | USPAT | OR | ON | 2006/07/08 21:33 |
| S16 6 | 4 | ("5079180" "5496750" "5640037" "5663079").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/07/08 21:37 |
| S16 7 | 11 | ("6160299").URPN. | USPAT | OR | ON | 2006/07/08 21:37 |
| S16 8 | 37 | S155 not (S156 S157 S159 S160 S161 S162 S163 S164 S165 S166 S167) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/08 21:51 |

EAST Search History

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|----------|-----|--|---|----|----|------------------|
| S16 9 | 435 | ((rais\$3 elevat\$4) near3 (source drain)) same (spacer sidewall (side adj wall)) same (remov\$4 sacrif\$6) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/08 21:51 |
| S17 0 | 300 | S169 not (S156 S157 S159 S160 S161 S162 S163 S164 S165 S166 S167 S168) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/08 23:01 |
| S17 1 | 15 | ("4745082" "4784718" "5200352" "5264382" "5320974" "5374575" "5391510" "5429956" "5675159" "5716861" "5733792" "5856225" "5858843" "6090691" "6124176"). PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/07/08 22:23 |
| S17 3 | 59 | ((rais\$3 elevat\$3) near3 (source drain)) same (strain\$3 with \$4silicon) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/08 23:00 |
| S17 4 | 539 | ((rais\$3 elevat\$3) near3 (source drain)) same (\$4silicon with (above top over on cover\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/08 23:02 |
| S17 5 | 348 | S174 not (S156 S157 S159 S160 S161 S162 S163 S164 S165 S166 S167 S168 S170) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/08 23:01 |
| S17 6 | 275 | S175 and (\$4silicon with (above top over on cover\$3) with (source drain)) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/08 23:02 |
| S17 7 | 134 | S176 and ((remov\$4 or sacrif\$6) same (spacer or sidewall or (side adj wall))) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/08 23:04 |
| S17 8 | 128 | S177 and (\$4silicon same (spacer or sidewall or (side adj wall))) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/09 21:27 |

EAST Search History

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|----------|-----|--|--------------------|----|----|------------------|
| S17 9 | 128 | (US-20060138569-\$ or US-20060115941-\$ or US-20060099766-\$ or US-20060099752-\$ or US-20060079060-\$ or US-20060057814-\$ or US-20060051922-\$ or US-20060040484-\$ or US-20060014366-\$ or US-20060011989-\$ or US-20060011984-\$ or US-20050282395-\$ or US-20050280103-\$ or US-20050272194-\$ or US-20050272188-\$ or US-20050263821-\$ or US-20050263797-\$ or US-20050239254-\$ or US-20050218453-\$ or US-20050212061-\$ or US-20050205934-\$ or US-20050199954-\$ or US-20050199950-\$ or US-20050189563-\$ or US-20050176205-\$ or US-20050167765-\$).did. or (US-20050158931-\$ or US-20050148133-\$ or US-20050148125-\$ or US-20050142823-\$ or US-20050139932-\$ or US-20050124105-\$ or US-20050112888-\$ or US-20050112834-\$ or US-20050095796-\$ or US-20050054169-\$ or US-20050051851-\$ or US-20050045947-\$ or US-20050035413-\$ or US-20050029601-\$ or US-20050014354-\$ or US-20040248348-\$ or US-20040245581-\$ or US-20040241916-\$ or US-20040235229-\$ or US-20040192065-\$ or US-20040175872-\$ or US-20040135210-\$ or US-20040119115-\$ or US-20040119102-\$ or US-20040094807-\$ or US-20040084734-\$ or US-20040036127-\$).did. or (US-20040036126-\$ or US-20040031979-\$ or US-20040005740-\$ or US-20030230811-\$ or US-20030205774-\$ or US-20030193070-\$ or US-20030141549-\$ or US-20030127695-\$ or US-20030062575-\$ or US-20030025163-\$ or US-20020192914-\$ or US-20020182831-\$ or US-20020142551-\$ or US-20020105039-\$ or US-20020089003-\$ or US-20020079551-\$ or US-20020001891-\$ or US-20010046766-\$ or US-20010045608-\$).did. or (US-7037818-\$ or US-7037793-\$ or US-7008835-\$ or US-7002223-\$ or US-6995430-\$ or US-6967379-\$ or US-6956276-\$ or US-6955952-\$ or US-6952040-\$ or US-6946696-\$ or US-6930030-\$ or US-6924517-\$ or US-6891232-\$ or US-6891192-\$ or US-6881633-\$ or US-6858478-\$ or US-6838396-\$ or US-6815298-\$ or US-6762101-\$ or US-6707062-\$ or US-6686630-\$ or US-6683356-\$ or US-6682965-\$ or US-6677212-\$ or US-6580132-\$ or US-6579765-\$).did. or (US-6573583-\$ or US-6544822-\$ or US-6500719-\$ or US-6483148-\$ or US-6395598-\$ or US-6376318-\$ or US-6372584-\$ or US-6335251-\$ or US-6284610-\$ or US-6271563-\$ or US-6265272-\$ or US-6232641-\$ or US-6198142-\$ or US-6156615-\$ or US-5937299-\$ or US-5908313-\$ or US-5893741-\$ or US-5882974-\$ or US-5818100-\$ or US-5665616-\$ or US-5646073-\$ or US-5376562-\$ or US-5349228-\$ or US-5336903-\$ or US-5273921-\$ or US-5252849-\$ or US-5242847-\$).did. or (US-5162246-\$ or US-5089872-\$ or US-4902640-\$).did. | US-PGPUB; USPAT | OR | ON | 2006/07/09 18:22 |
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EAST Search History

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| S18 0 | 59 | (US-20060131665-\$ or US-20060128111-\$ or US-20060115941-\$ or US-20060115934-\$ or US-20060115933-\$ or US-20060113522-\$ or US-20060099752-\$ or US-20060057859-\$ or US-20060057821-\$ or US-20060040503-\$ or US-20060022266-\$ or US-20060014366-\$ or US-20060011996-\$ or US-20060011984-\$ or US-20060006500-\$ or US-20050285142-\$ or US-20050285141-\$ or US-20050280103-\$ or US-20050277271-\$ or US-20050272188-\$ or US-20050266632-\$ or US-20050218453-\$ or US-20050212061-\$ or US-20050205934-\$ or US-20050199954-\$ or US-20050189563-\$).did. or (US-20050176204-\$ or US-20050170606-\$ or US-20050170594-\$ or US-20050156154-\$ or US-20050112817-\$ or US-20050079692-\$ or US-20050079691-\$ or US-20050032322-\$ or US-20050003599-\$ or US-20040256647-\$ or US-20040224089-\$ or US-20040175872-\$ or US-20040173815-\$ or US-20040169221-\$ or US-20040045499-\$ or US-20040031979-\$ or US-20040005740-\$ or US-20030227029-\$ or US-20030132487-\$ or US-20030068883-\$ or US-20020185691-\$).did. or (US-7045401-\$ or US-7037794-\$ or US-6995430-\$ or US-6955952-\$ or US-6946371-\$ or US-6921913-\$ or US-6878592-\$ or US-6872610-\$ or US-6797614-\$ or US-6716708-\$ or US-6555880-\$ or US-6492216-\$).did. | US-PGPUB; USPAT | OR | ON | 2006/07/09 18:25 |
| S18 1 | 39 | S180 and (@ad<"20040116" or @rlad<"20040116") | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/09 18:26 |
| S18 2 | 95 | (S179 not S181) and (@ad<"20040116" or @rlad<"20040116") | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/09 18:52 |
| S18 3 | 39 | S180 and (@ad<"20040116" or @rlad<"20040116") | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/09 18:56 |
| S18 4 | 359 | ((rais\$3 elevat\$3) near3 (source drain)) same (epitaxial\$3 near2 \$4silicon) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/09 18:53 |
| S18 5 | 373 | ((rais\$3 elevat\$3) near3 (source drain)) same (grow\$4 near2 \$4silicon) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/09 18:53 |
| S18 6 | 398 | (S184 S185) not (S179 S180) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/09 18:54 |
| S18 7 | 235 | S186 and ((remov\$4 sacrif\$5) with (spacer sidewall (side adj wall))) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/09 18:55 |
| S18 8 | 146 | S187 and (s\$licid\$4 with silicon) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/09 18:55 |

EAST Search History

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| S18 9 | 130 | S188 and (@ad<"20040116" or @rlad<"20040116") | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/09 20:42 |
| S19 0 | 14 | ((rais\$3 elevat\$3) near2 (source drain)) same ((strain\$3 stress\$3) with (on above over atop) with \$4silicon) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/09 19:21 |
| S19 1 | 78 | ((rais\$3 elevat\$3) near2 (source drain)) same ((strain\$3 stress\$3) with \$4silicon) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/09 19:23 |
| S19 2 | 18 | S191 not (S179 S180 S189 S190) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/09 19:24 |
| S19 3 | 100 | ((rais\$3 elevat\$3) with (source drain)) same ((strain\$3 stress\$3) with \$4silicon) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/09 19:24 |
| S19 4 | 20 | S193 not (S179 S180 S189 S190 S191) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/09 20:28 |
| S19 5 | 43 | (US-20050242406-\$ or US-20030068883-\$ or US-20050156154-\$ or US-20050090066-\$ or US-20050176204-\$ or US-20020066913-\$ or US-20050164433-\$ or US-20030164513-\$ or US-20020135029-\$ or US-20040259303-\$ or US-20050199949-\$ or US-20050148137-\$ or US-20050093075-\$ or US-20020132431-\$ or US-20040169221-\$ or US-20040175872-\$).did. or (US-6214679-\$ or US-6406973-\$ or US-6914295-\$ or US-6909151-\$ or US-6841831-\$ or US-5488005-\$ or US-6777759-\$ or US-6235568-\$ or US-6475838-\$ or US-6420766-\$ or US-6906360-\$ or US-6255178-\$ or US-5710450-\$ or US-6939751-\$ or US-6949482-\$ or US-6022781-\$ or US-6800530-\$ or US-7005366-\$ or US-6506649-\$ or US-5955770-\$ or US-5872039-\$ or US-6492216-\$ or US-6346447-\$ or US-6160299-\$ or US-4998150-\$ or US-6596606-\$).did. or (US-6987050-\$).did. | US-PGPUB; USPAT | OR | ON | 2006/07/09 20:17 |
| S19 6 | 6 | S195 and ((source drain) with strain\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/09 20:17 |
| S19 7 | 298 | (source drain) with (strain\$3 near4 silicon) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/09 20:28 |
| S19 9 | 255 | S197 not (S179 S180 S189 S190 S191 S193 S195 S196) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/09 20:37 |
| S20 0 | 16 | S199 and ((rais\$3 elevat\$4) with (source drain)) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/09 20:37 |

EAST Search History

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|----------|-------|--|---|----|----|------------------|
| S20 1 | 328 | ((rais\$3 elevat\$4) with (source drain) with strain\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/09 20:50 |
| S20 2 | 281 | S201 not (S179 S180 S189 S190 S191 S193 S195 S196 S200) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/09 20:51 |
| S20 3 | 12 | S202 and (strain\$3 with silicon) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/09 20:38 |
| S20 4 | 125 | (S202 not S203) and (@ad<"20040116" or @rlad<"20040116") | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/09 20:53 |
| S20 5 | 45 | S204 and ((rais\$3 elevat\$3) near3 (source drain)) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/09 20:46 |
| S20 6 | 80 | S204 not S205 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/09 20:46 |
| S20 7 | 2 | S206 and semiconductor | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/09 20:46 |
| S20 8 | 18702 | ((source drain) with strain\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/09 20:50 |
| S20 9 | 270 | (S208 not (S179 S180 S189 S190 S191 S193 S195 S196 S200 S203 S204)) and ((rais\$4 elevat\$3) near4 (source drain)) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/09 21:29 |
| S21 1 | 153 | S209 and (@ad<"20040116" or @rlad<"20040116") | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/09 20:53 |
| S21 2 | 49 | S211 and ("257"/\$.ccls. or "438"/\$.ccls. or semiconductor or silicon) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/09 21:30 |
| S21 4 | 232 | ((rais\$4 elevat\$3) near4 (source drain)) and ((source drain) near4 strain\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/09 21:28 |
| S21 5 | 117 | S214 not (S179 S180 S189 S190 S191 S193 S195 S196 S200 S203 S204 S212) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/09 21:29 |

EAST Search History

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|----------|------|--|---|----|----|------------------|
| S21 6 | 19 | S215 and ("257"/\$.ccls. or "438"/\$.ccls. or semiconductor or \$4silicon) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/07/09 21:30 |
| S21 7 | 602 | 438/299.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/25 18:12 |
| S21 8 | 677 | 438/300.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/25 18:31 |
| S21 9 | 123 | ((raised elevated) adj2 (source drain)) with (silicon semiconduct\$4) and (cap\$4 top\$4 cover\$4)).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/25 18:42 |
| S22 0 | 81 | S219 and (sacrificial remov\$4 dummy).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/25 18:34 |
| S22 1 | 51 | S219 and ((sacrificial remov\$4 dummy) same (spacer sidewall (side adj wall))).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/25 18:43 |
| S22 2 | 30 | S220 not S221 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/25 18:38 |
| S22 3 | 42 | S219 not S220 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/25 18:39 |
| S22 4 | 1408 | H01L21/336.ipc. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/25 18:40 |
| S22 5 | 6 | ((raised elevated) adj2 (source drain)) with (strain\$3) and (cap\$4 top\$4 cover\$4)).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/25 18:41 |
| S22 6 | 14 | ((raised elevated) adj2 (source drain)) and (strain\$3) and (cap\$4 top\$4 cover\$4)).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/25 18:42 |

EAST Search History

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|----------|-----|---|---|----|----|------------------|
| S22 7 | 965 | ((raised elevated) adj2 (source drain)) with (silicon semiconduct\$4) and (cap\$4 top\$4 cover\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/25 18:43 |
| S22 8 | 667 | S227 and ((sacrificial remov\$4 dummy) same (spacer sidewall (side adj wall))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/25 18:43 |
| S22 9 | 101 | S228 and strained | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/25 18:44 |